Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100716\
Data File : BE092451.D
Acq On : 7 Oct 2016 17:46
Operator : UM/SJ
Sample : PB93506BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** PB93506BS

Quant Time: Oct 07 22:58:16 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 18:25:56 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.16 | 152 | 10824 | 5.00 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.95 | 136 | 47245 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.82 | 164 | 30105 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 17.56 | 188 | 54655 | 5.00 | ng | | 0.00 |
| 24) Chrysene-d12 | 21.75 | 240 | 84932 | 5.00 | ng | | 0.00 |
| 31) Perylene-d12 | 24.11 | 264 | 73307 | 5.00 | ng | | 0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.67 | 112 | 19077 | 7.48 | ng | | -0.02 |
| 5) Phenol-d6 | 7.34 | 99 | 24568 | 6.75 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 9.34 | 82 | 11859 | 3.53 | ng | | -0.02 |
| 13) 2,4,6-Tribromophenol | 16.31 | 330 | 6751 | 6.36 | ng | | -0.01 |
| 14) 2-Fluorobiphenyl | 13.43 | 172 | 28920 | 4.06 | ng | | -0.01 |
| 26) Terphenyl-d14 | 20.17 | 244 | 39339 | 3.73 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.41 | 88 | 3671 | 3.13 | ng | # | 81 |
| 3) n-Nitrosodimethylamine | 3.76 | 42 | 6078 | 3.59 | ng | # | 95 |
| 6) bis(2-Chloroethyl)ether | 7.59 | 93 | 9809 | 3.45 | ng | # | 26 |
| 9) Naphthalene | 10.99 | 128 | 35373 | 3.46 | ng | # | 95 |
| 10) Hexachlorobutadiene | 11.28 | 225 | 5330 | 3.31 | ng | | 100 |
| 11) 2-Methylnaphthalene | 12.62 | 142 | 23545 | 3.48 | ng | # | 89 |
| 15) Acenaphthylene | 14.53 | 152 | 156172 | 3.58 | ng | | 100 |
| 16) Acenaphthene | 14.87 | 154 | 23593 | 3.46 | ng | | 93 |
| 17) Fluorene | 15.86 | 166 | 30482 | 3.52 | ng | | 99 |
| 19) Hexachlorobenzene | 16.89 | 284 | 8999 | 3.85 | ng | # | 63 |
| 20) Pentachlorophenol | 17.23 | 266 | 7471 | 8.71 | ng | # | 85 |
| 21) Phenanthrene | 17.60 | 178 | 53826 | 4.29 | ng | # | 94 |
| 22) Anthracene | 17.70 | 178 | 52390 | 4.34 | ng | | 99 |
| 23) Fluoranthene | 19.61 | 202 | 234030 | 3.92 | ng | | 99 |
| 25) Pyrene | 19.97 | 202 | 252950 | 3.44 | ng | | 99 |
| 27) Benzo(a)anthracene | 21.72 | 228 | 584932 | 7.07 | ng | # | 86 |
| 28) Chrysene | 21.72 | 228 | 588117 | 7.76 | ng | # | 67 |
| 29) Bis(2-ethylhexyl)phthalate | 21.63 | 149 | 31607 | 4.44 | ng | # | 76 |
| 30) Indeno(1,2,3-cd)pyrene | 26.60 | 276 | 303285 | 3.77 | ng | | 98 |
| 32) Benzo(b)fluoranthene | 23.38 | 252 | 72076 | 4.06 | ng | # | 97 |
| 33) Benzo(k)fluoranthene | 23.43 | 252 | 65586 | 3.53 | ng | | 94 |
| 34) Benzo(a)pyrene | 24.01 | 252 | 66679 | 3.83 | ng | # | 95 |
| 35) Dibenzo(a,h)anthracene | 26.63 | 278 | 63006 | 3.95 | ng | | 94 |
| 36) Benzo(g,h,i)perylene | 27.38 | 276 | 260186 | 3.80 | ng | | 97 |

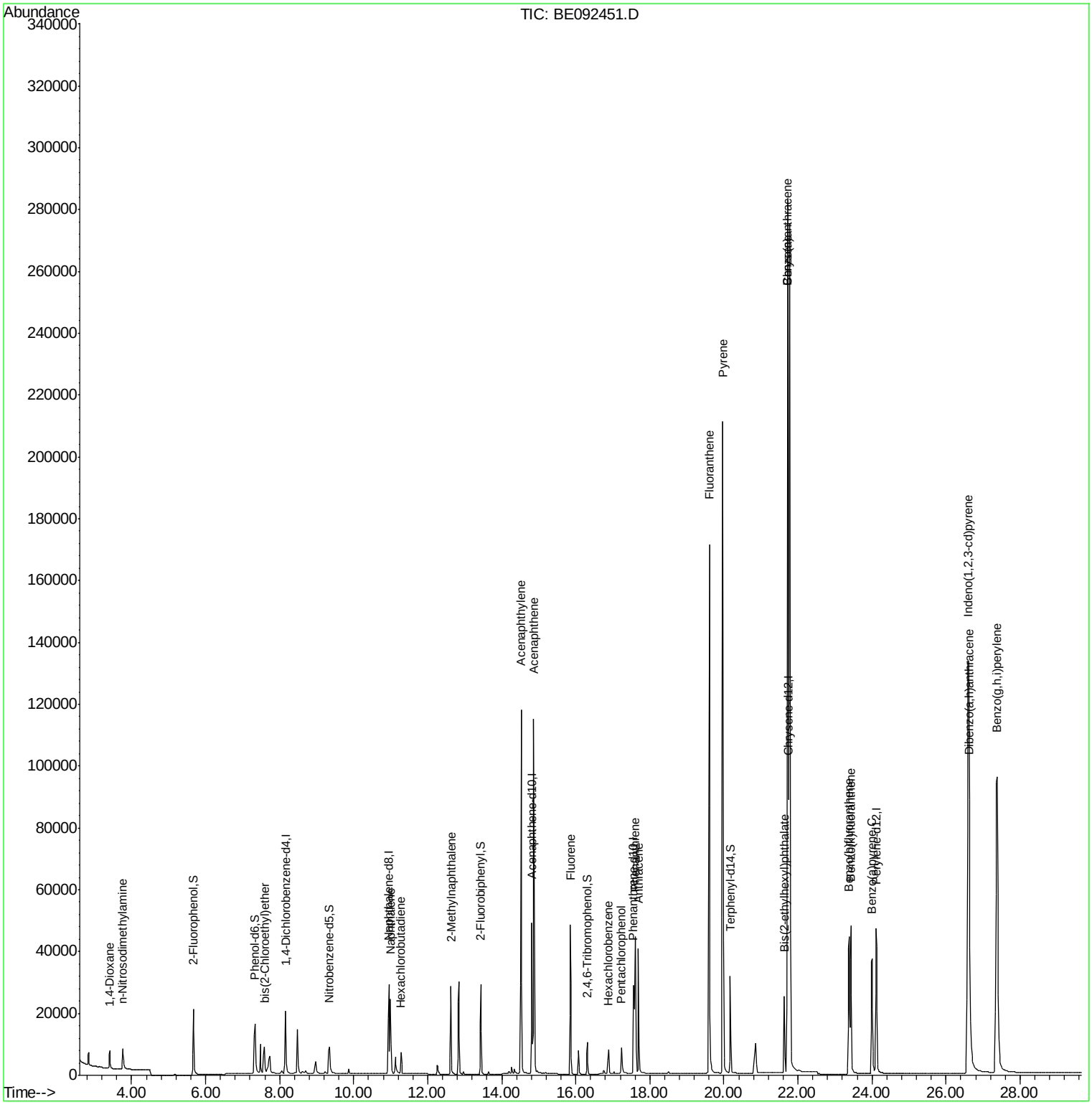
(#) = qualifier out of range (m) = manual integration (+) = signals summed

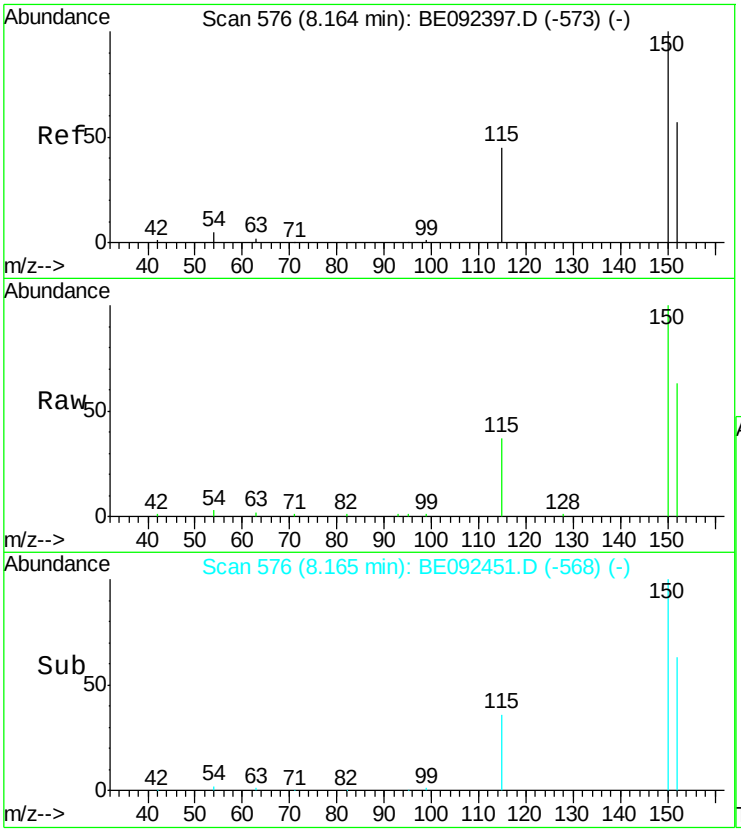
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE100716\
Data File : BE092451.D
Acq On : 7 Oct 2016 17:46
Operator : UM/SJ
Sample : PB93506BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
PB93506BS

Quant Time: Oct 07 22:58:16 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 18:25:56 2016
Response via : Initial Calibration



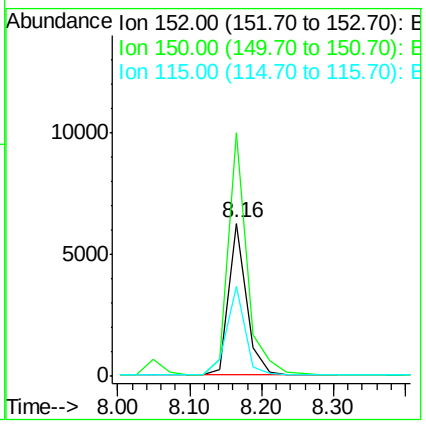


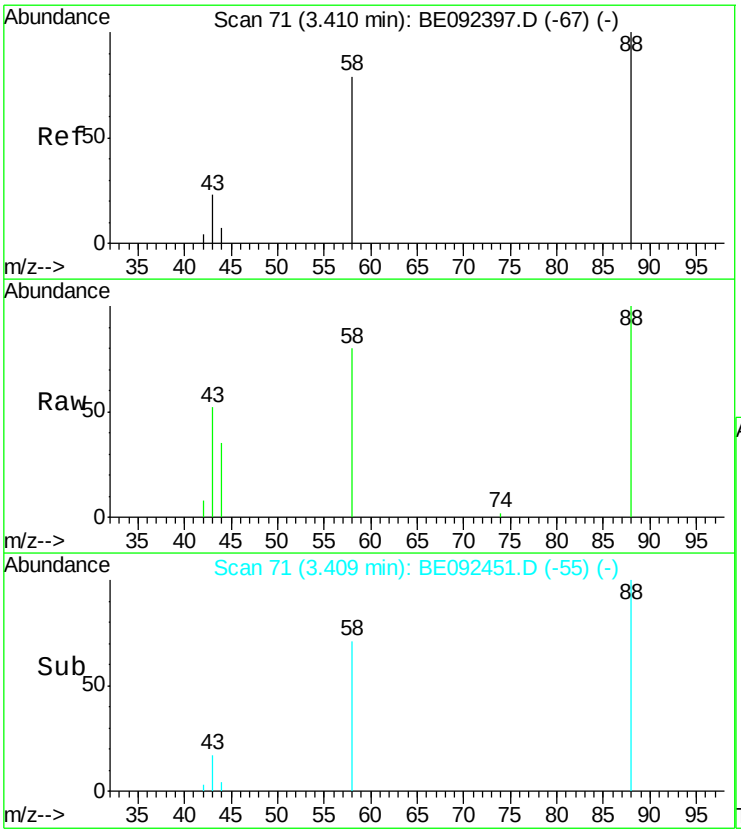

#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

**Instrument :**
BNA_E
**ClientSampleId :**
PB93506BS

Tgt Ion:152 Resp: 10824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.3 | 106.0 | 159.0# |
| 115 | 58.6 | 31.2 | 46.8# |

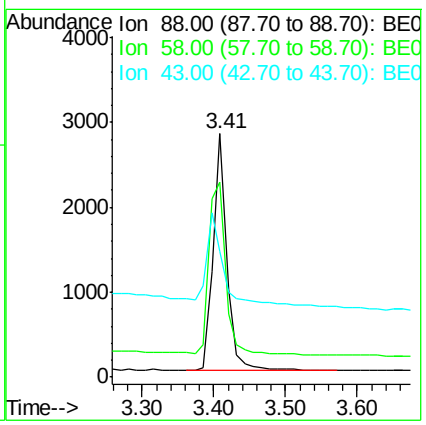


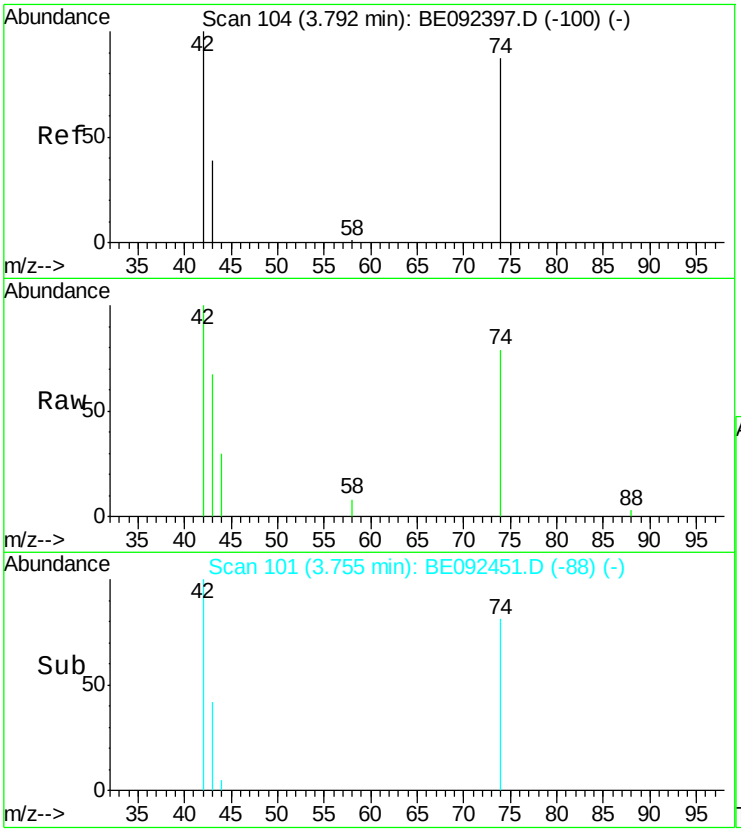




#2
1,4-Dioxane
Concen: 3.13 ng
RT: 3.41 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion: 88 Resp: 3671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 92.6 | 63.6 | 95.4 |
| 43 | 51.8 | 28.0 | 42.0# |



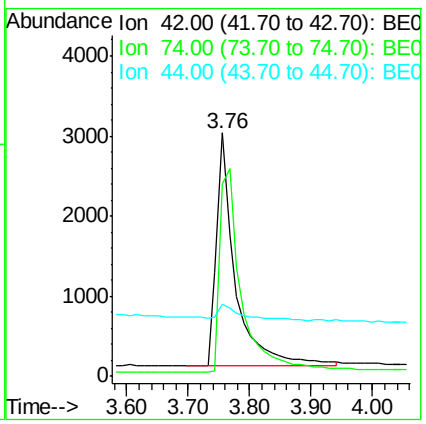


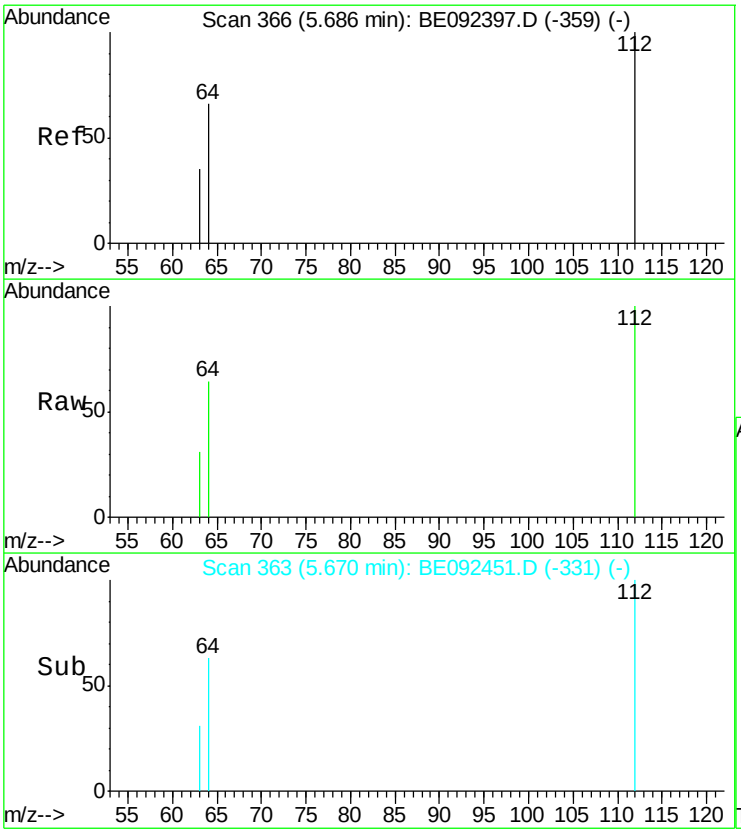

#3
n-Nitrosodimethylamine
Concen: 3.59 ng
RT: 3.76 min Scan# 101
Delta R.T. -0.05 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

**Instrument :**
BNA_E
**ClientSampleId :**
PB93506BS

Tgt Ion: 42 Resp: 6078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 102.9 | 86.0 | 129.0 |
| 44 | 9.8 | 5.1 | 7.7# |

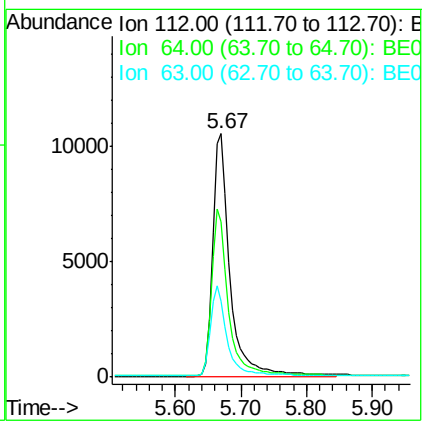


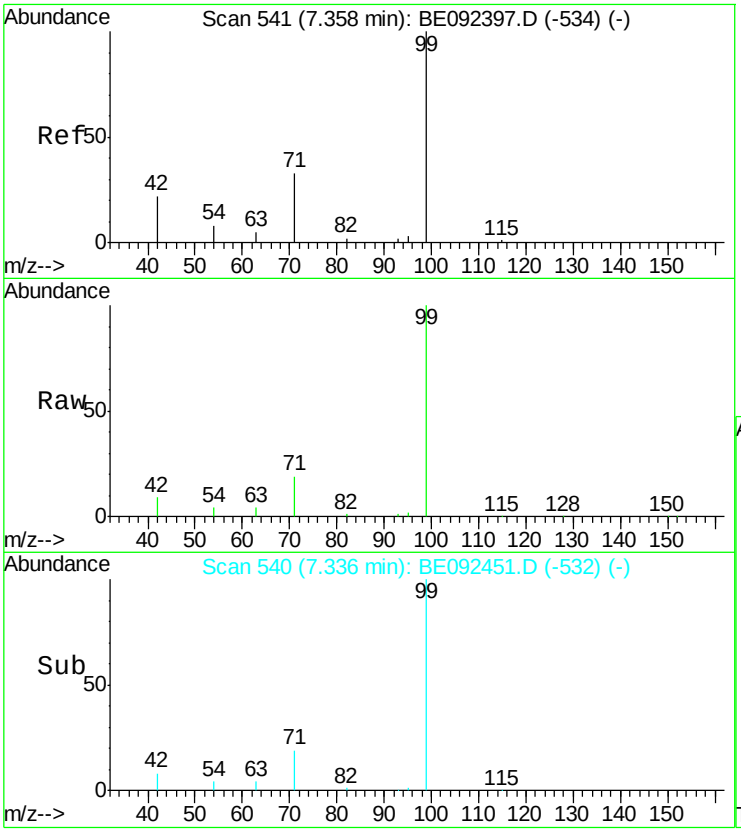




#4
2-Fluorophenol
Concen: 7.48 ng
RT: 5.67 min Scan# 363
Delta R.T. -0.02 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion:112 Resp: 19077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.6 | 53.5 | 80.3 |
| 63 | 36.3 | 27.9 | 41.9 |



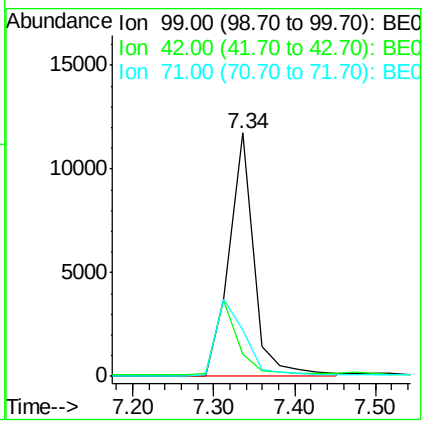


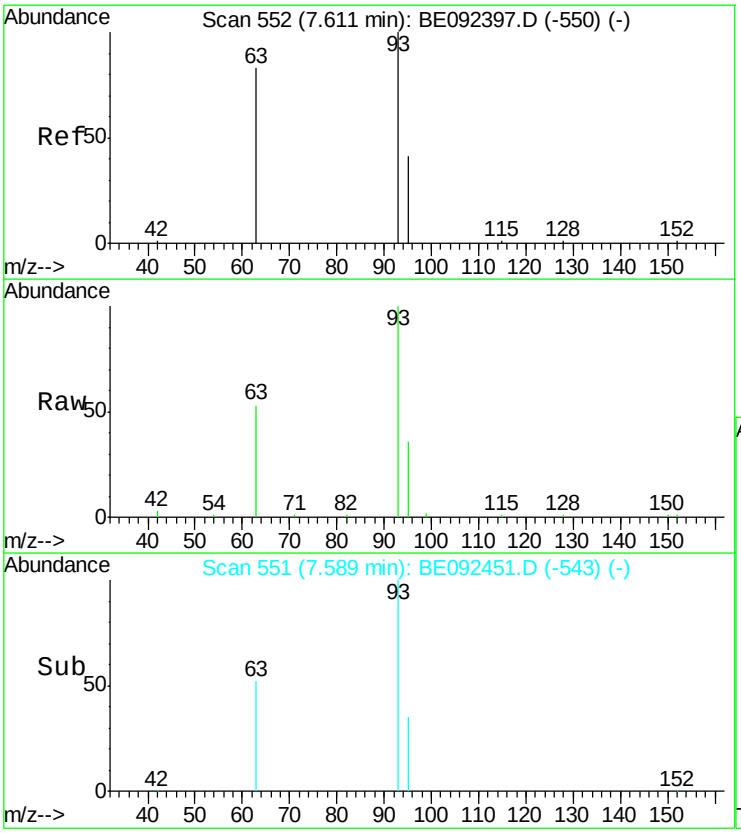

#5
Phenol-d6
Concen: 6.75 ng
RT: 7.34 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

**Instrument :**
BNA_E
**ClientSampleId :**
PB93506BS

Tgt Ion: 99 Resp: 24568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 0.0 | 16.0 | 24.0# |
| 71 | 0.0 | 30.6 | 45.8# |

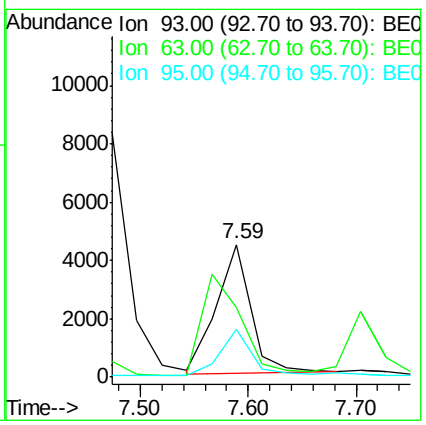


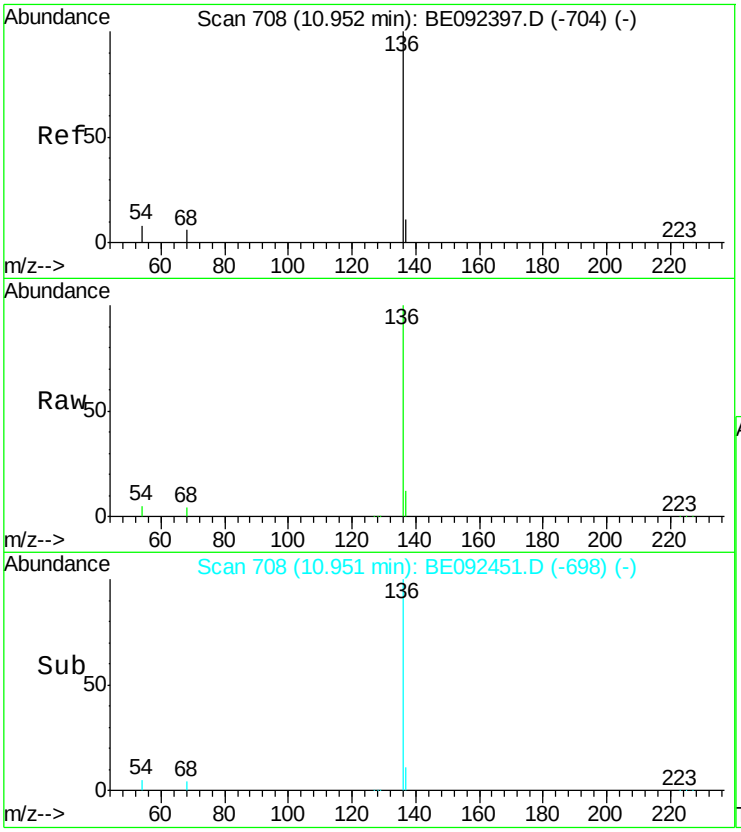




#6
bis(2-Chloroethyl)ether
Concen: 3.45 ng
RT: 7.59 min Scan# 551
Delta R.T. -0.02 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion: 93 Resp: 9809

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 0.0 | 71.6 | 107.4# |
| 95 | 34.7 | 24.0 | 36.0 |



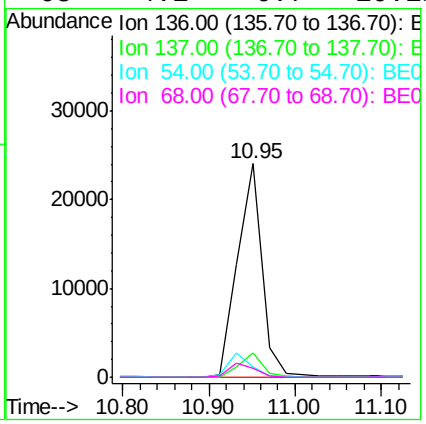


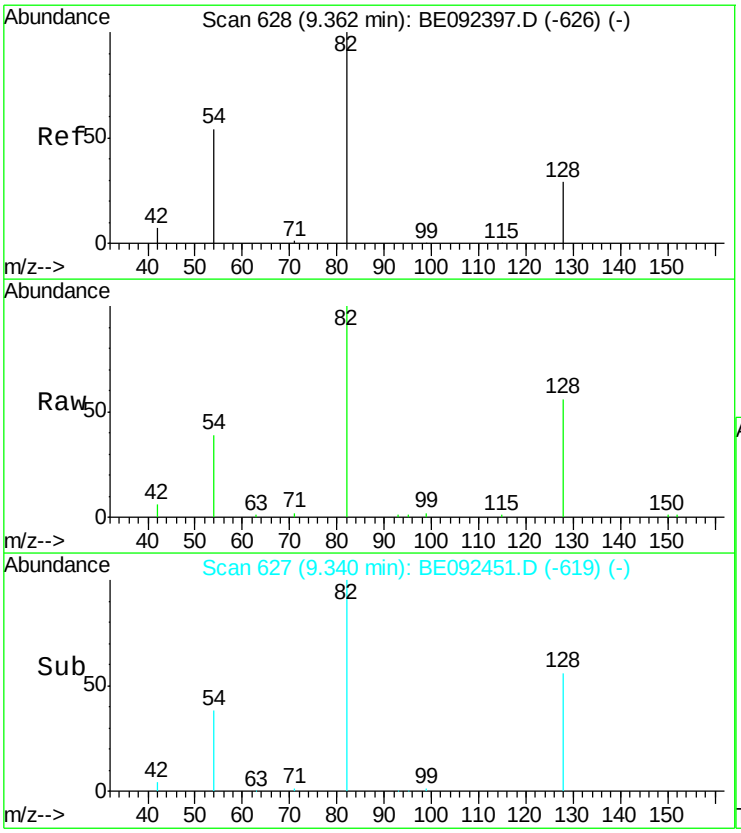

#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

**Instrument :**
BNA_E
**ClientSampleId :**
PB93506BS

Tgt Ion:136 Resp: 47245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.6 | 8.2 | 12.4 |
| 54 | 5.1 | 9.6 | 14.4# |
| 68 | 4.1 | 6.7 | 10.1# |

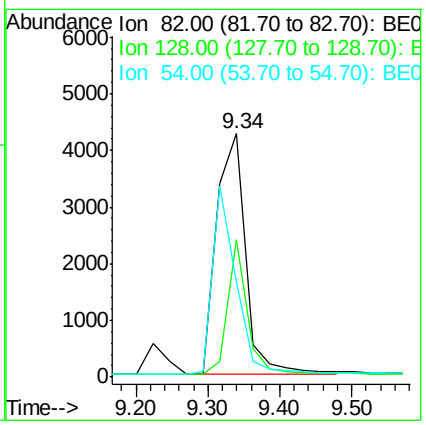


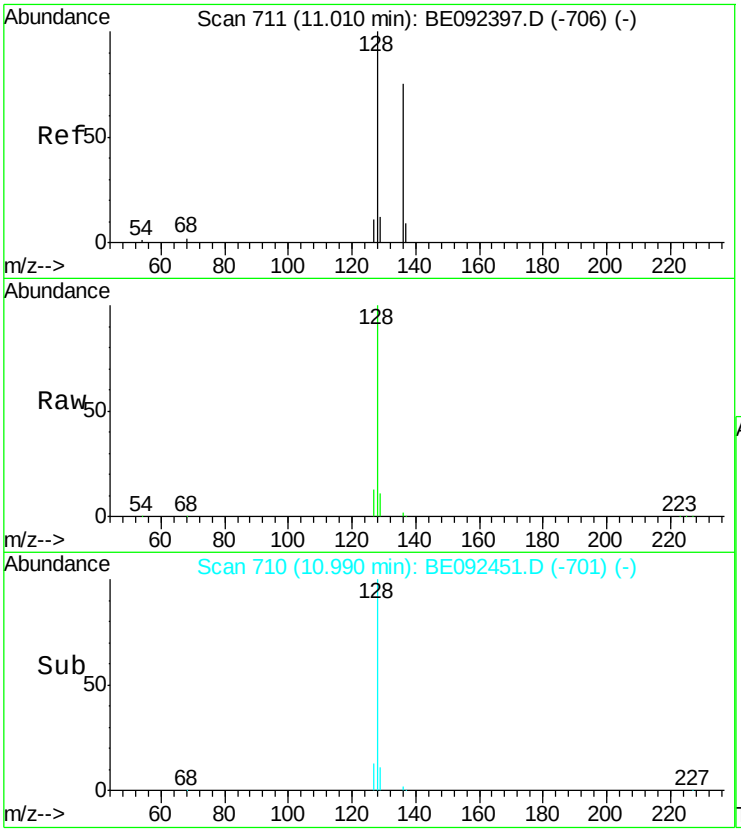




#8
Nitrobenzene-d5
Concen: 3.53 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion: 82 Resp: 11859

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 56.4 | 39.0 | 58.4 |
| 54 | 39.0 | 44.8 | 67.2# |



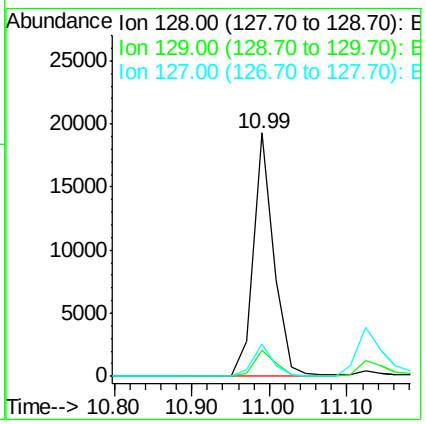


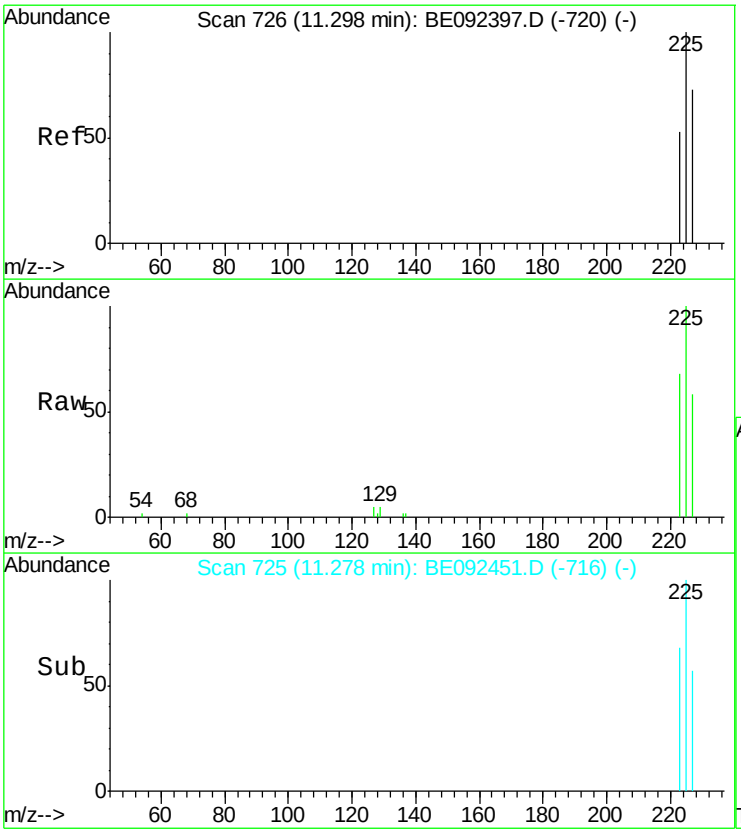

#9
Naphthalene
Concen: 3.46 ng
RT: 10.99 min Scan# 710
Delta R.T. -0.02 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

**Instrument :**
BNA_E
**ClientSampleId :**
PB93506BS

Tgt Ion:128 Resp: 35373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 11.2 | 16.8# |
| 127 | 13.4 | 11.6 | 17.4 |

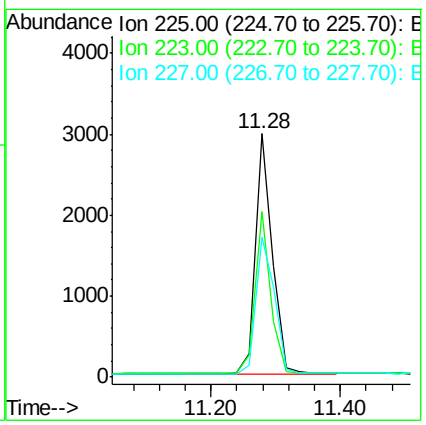


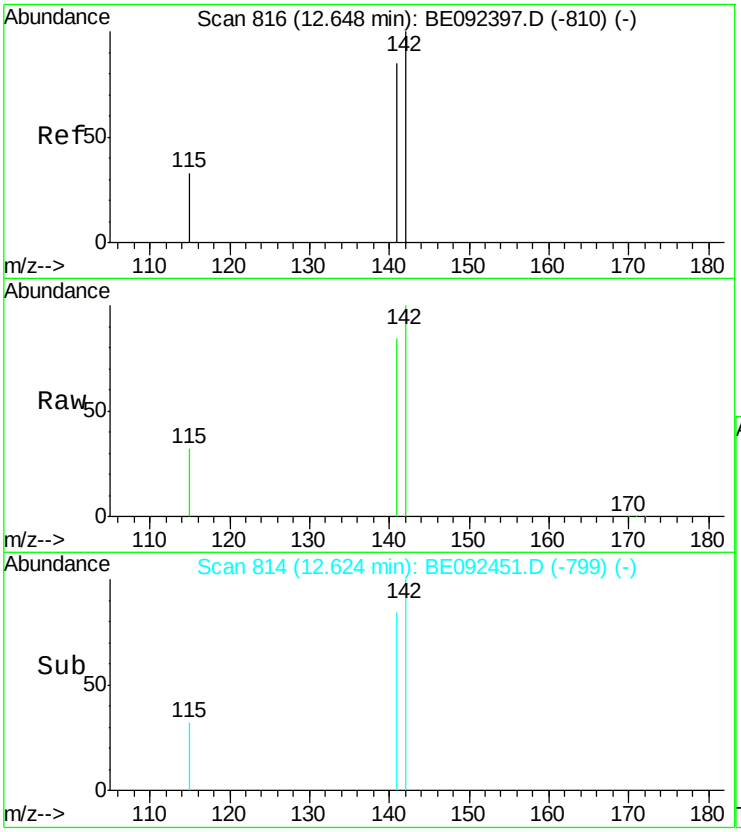




#10
Hexachlorobutadiene
Concen: 3.31 ng
RT: 11.28 min Scan# 725
Delta R.T. -0.02 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion:225 Resp: 5330

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 63.3 | 50.6 | 76.0 |
| 227 | 63.6 | 51.4 | 77.0 |



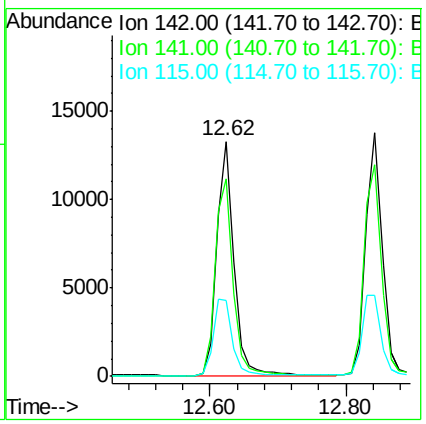


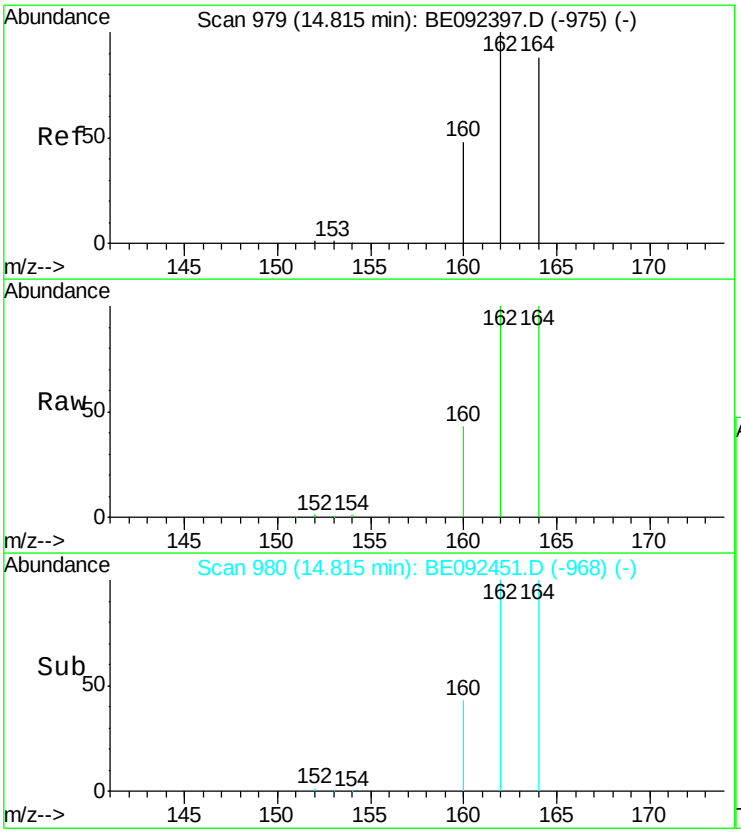

#11
2-Methylnaphthalene
Concen: 3.48 ng
RT: 12.62 min Scan# 814
Delta R.T. -0.02 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

**Instrument :**
BNA_E
**ClientSampleId :**
PB93506BS

Tgt Ion:142 Resp: 23545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 83.8 | 73.7 | 110.5 |
| 115 | 32.2 | 34.0 | 51.0# |

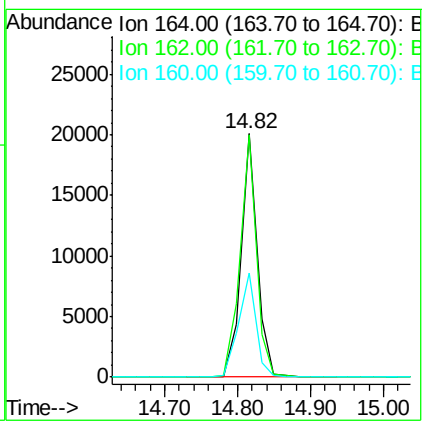


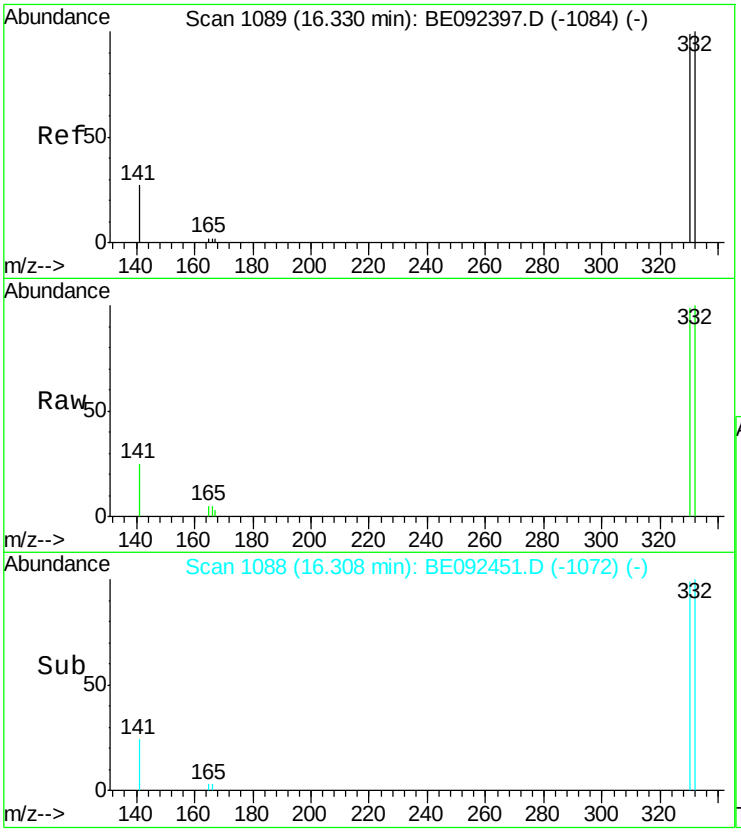




#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.82 min Scan# 980
Delta R.T. 0.00 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion:164 Resp: 30105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.6 | 71.4 | 107.0 |
| 160 | 42.7 | 27.4 | 41.2# |



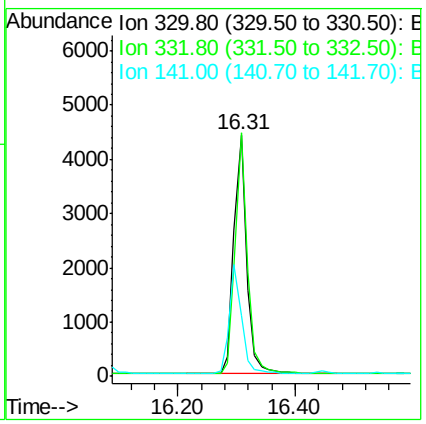


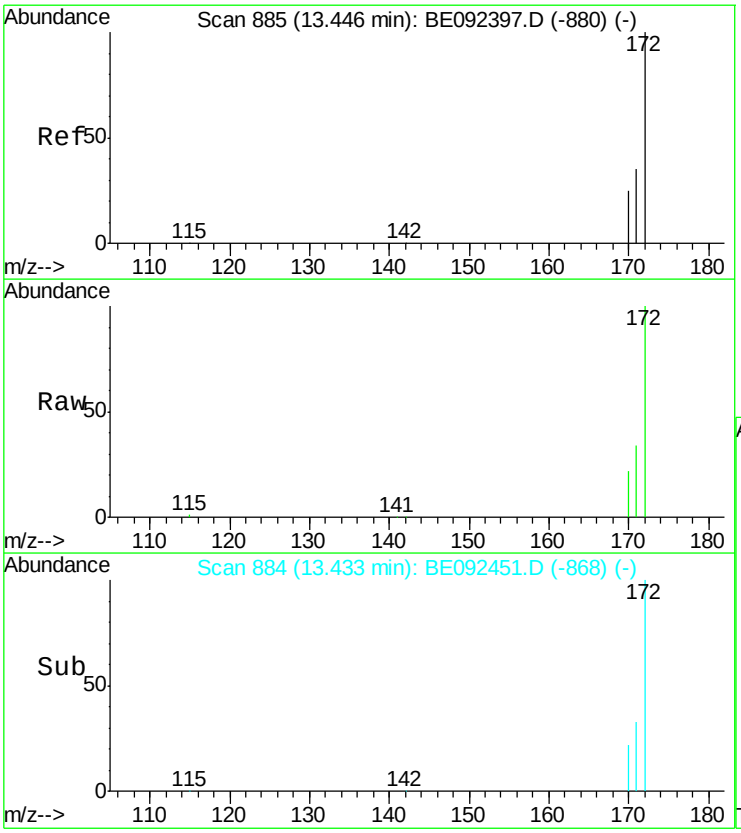

#13
2,4,6-Tribromophenol
Concen: 6.36 ng
RT: 16.31 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

**Instrument :**
BNA_E
**ClientSampleId :**
PB93506BS

Tgt Ion:330 Resp: 6751

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.1 | 75.4 | 113.0 |
| 141 | 43.7 | 31.0 | 46.6 |

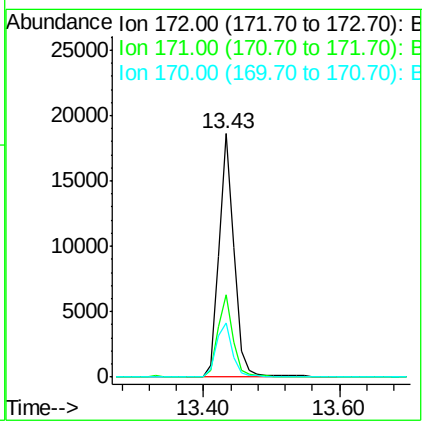


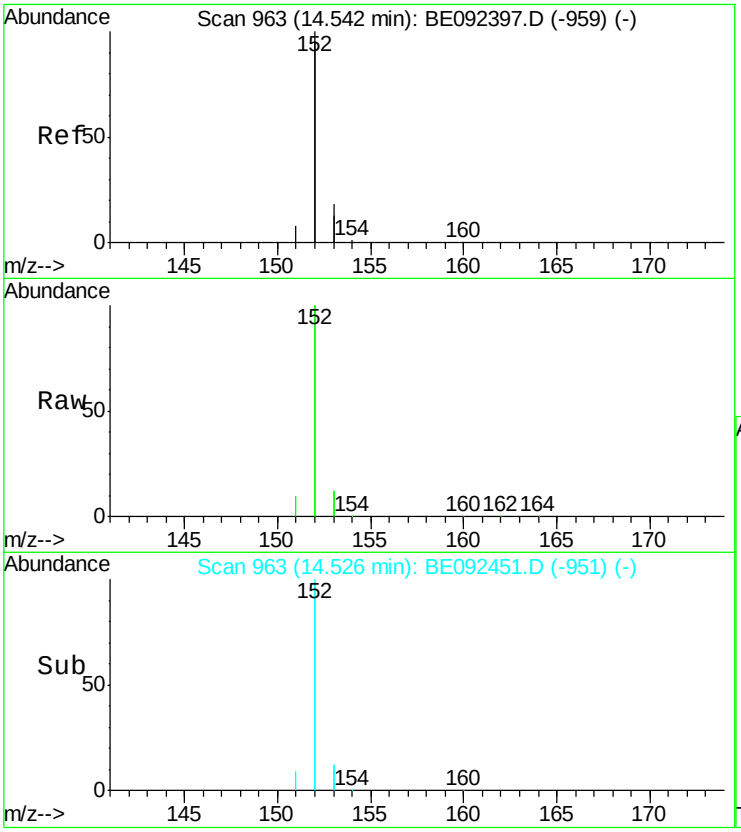




#14
2-Fluorobiphenyl
Concen: 4.06 ng
RT: 13.43 min Scan# 884
Delta R.T. -0.01 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion:172 Resp: 28920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.8 | 30.1 | 45.1 |
| 170 | 22.5 | 21.8 | 32.6 |



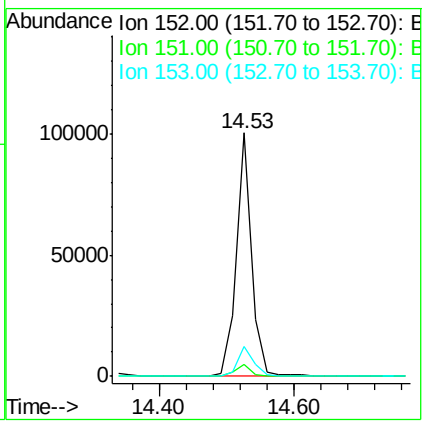


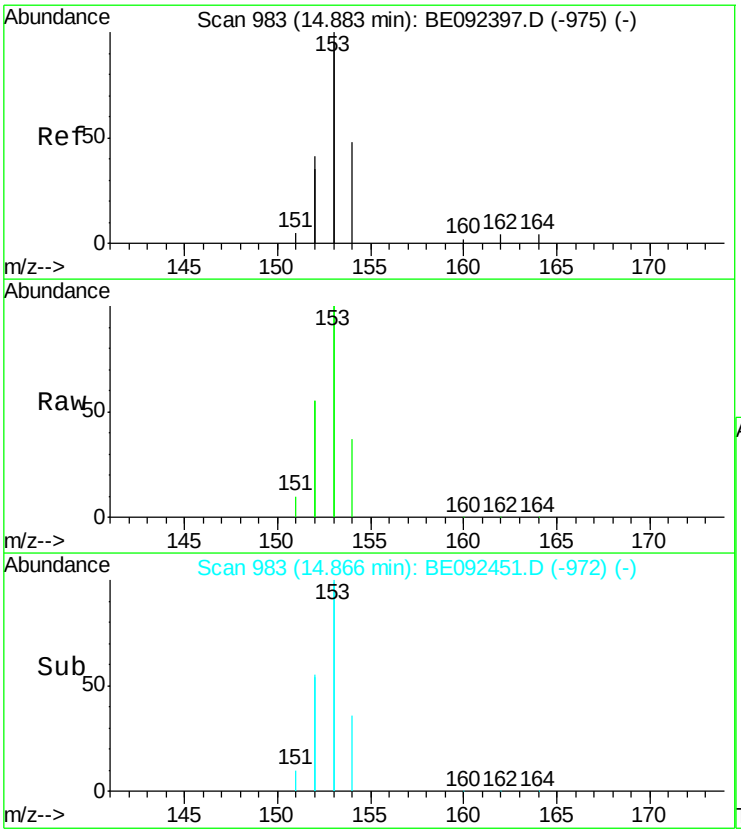

#15
Acenaphthylene
Concen: 3.58 ng
RT: 14.53 min Scan# 963
Delta R.T. 0.00 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

**Instrument :**
BNA_E
**ClientSampleId :**
PB93506BS

Tgt Ion:152 Resp: 156172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 4.9 | 3.9 | 5.9 |
| 153 | 12.9 | 10.4 | 15.6 |

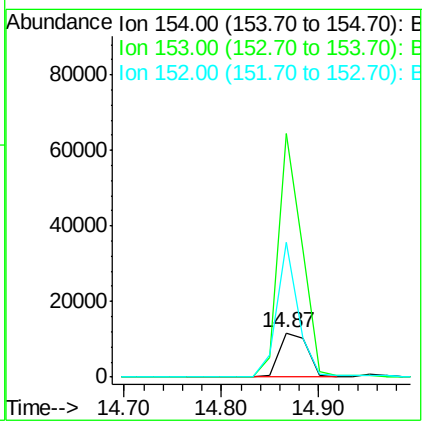


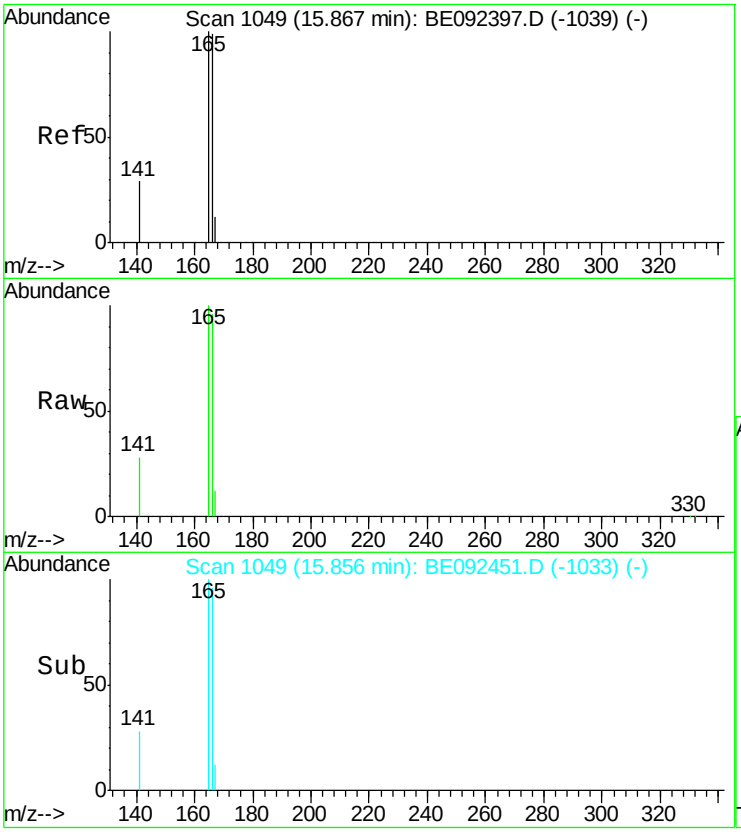




#16
Acenaphthene
Concen: 3.46 ng
RT: 14.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion:154 Resp: 23593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 453.9 | 350.8 | 526.2 |
| 152 | 225.6 | 171.1 | 256.7 |



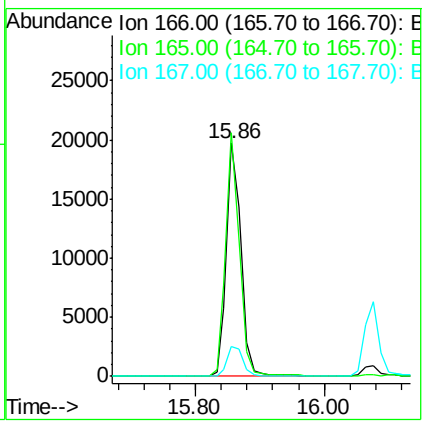


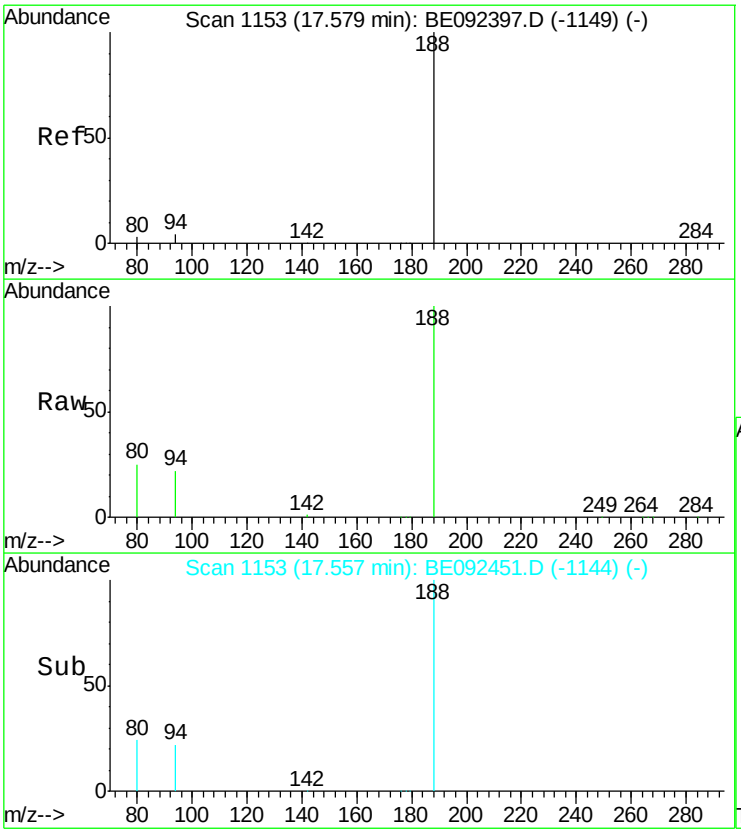

#17
Fluorene
Concen: 3.52 ng
RT: 15.86 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

**Instrument :**
BNA_E
**ClientSampleId :**
PB93506BS

Tgt Ion:166 Resp: 30482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.0 | 78.2 | 117.4 |
| 167 | 13.5 | 11.0 | 16.4 |

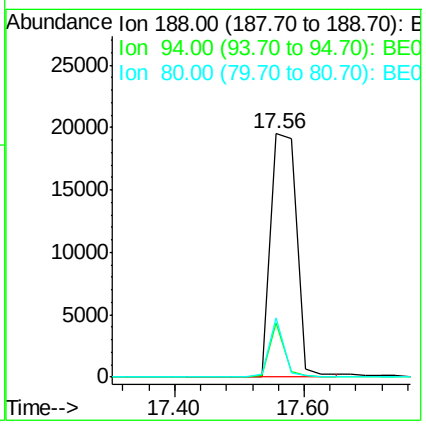


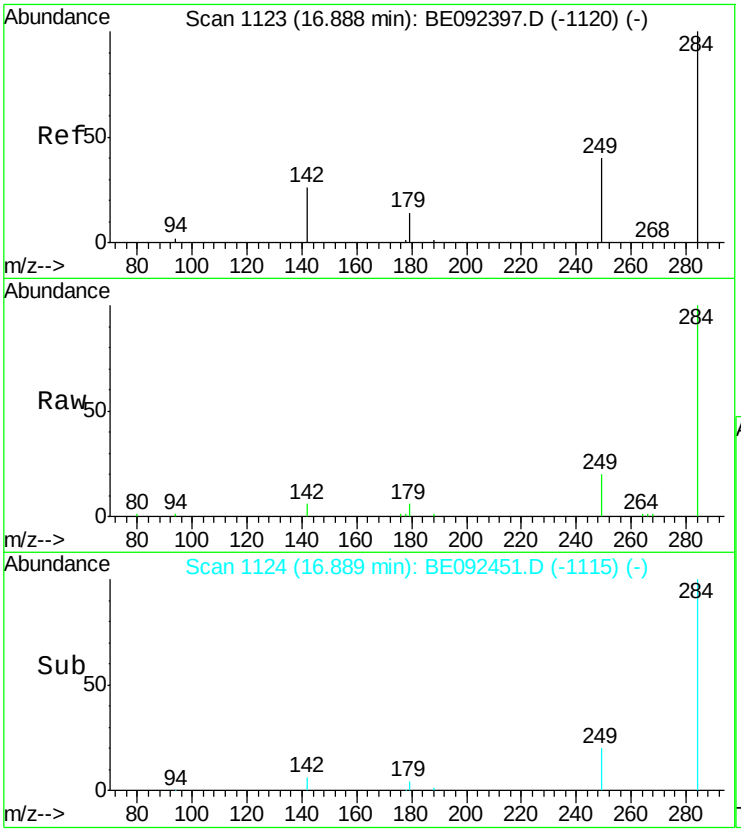




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion:188 Resp: 54655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 22.2 | 3.2 | 4.8# |
| 80 | 24.5 | 2.6 | 3.8# |



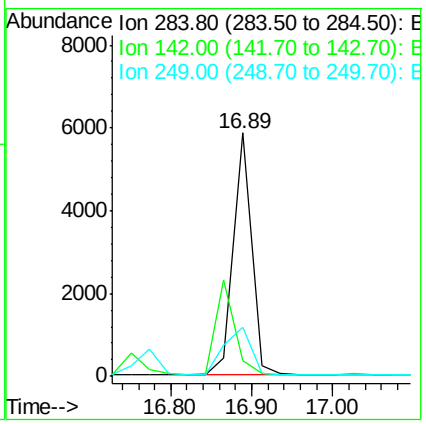


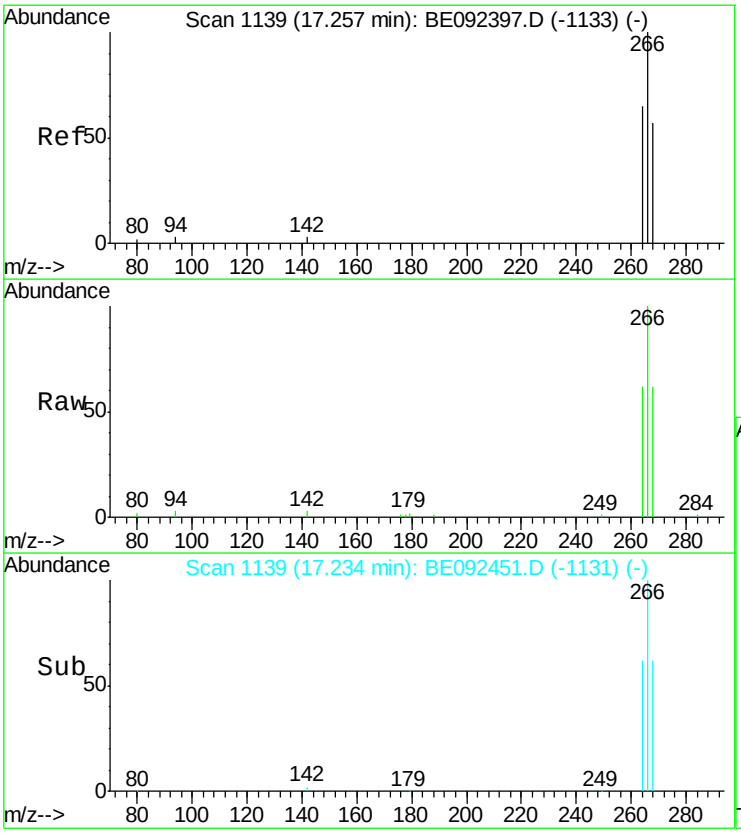

#19
Hexachlorobenzene
Concen: 3.85 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

**Instrument :**
BNA_E
**ClientSampleId :**
PB93506BS

Tgt Ion:284 Resp: 8999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 0.0 | 29.1 | 43.7# |
| 249 | 28.6 | 27.9 | 41.9 |

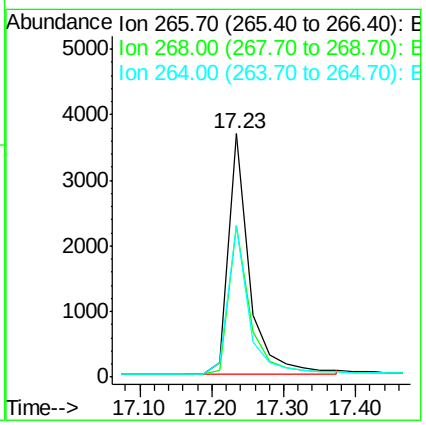


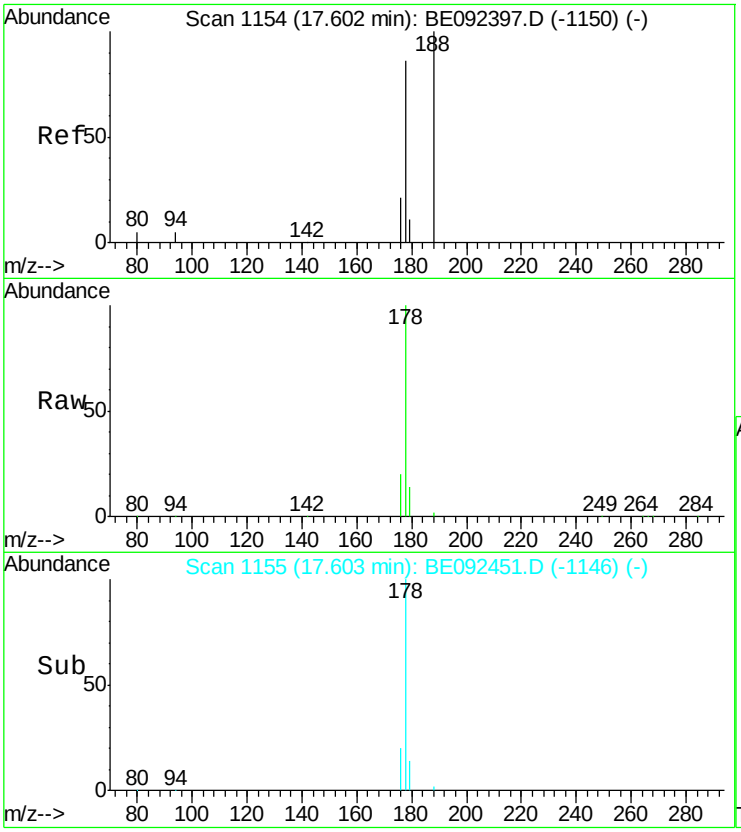




#20
Pentachlorophenol
Concen: 8.71 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion:266 Resp: 7471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.2 | 62.5 | 93.7# |
| 264 | 62.1 | 57.2 | 85.8 |



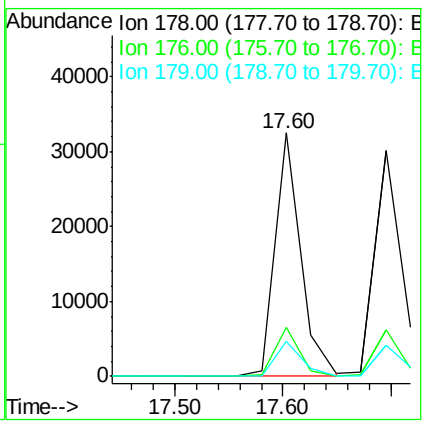


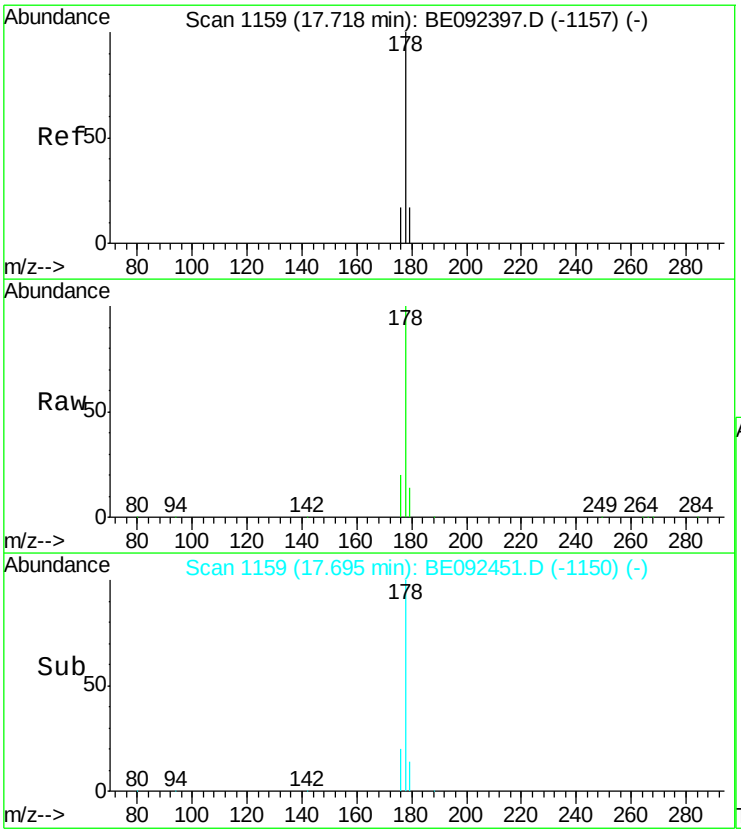

#21
Phenanthrene
Concen: 4.29 ng
RT: 17.60 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

**Instrument :**
BNA_E
**ClientSampleId :**
PB93506BS

Tgt Ion:178 Resp: 53826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.5 | 15.8 | 23.8 |
| 179 | 15.2 | 16.0 | 24.0# |

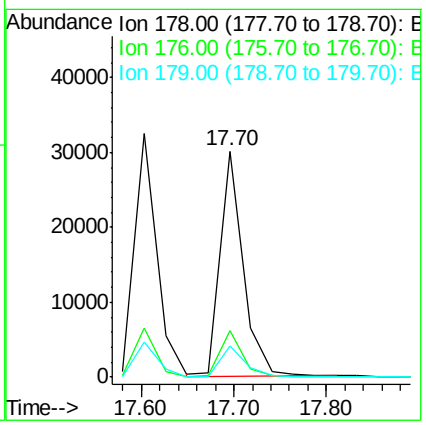


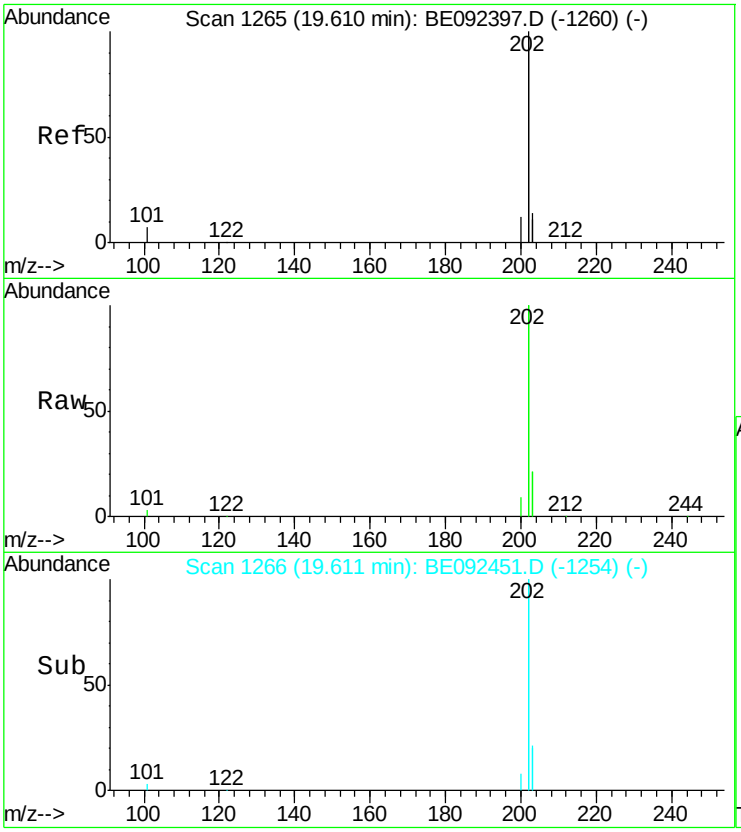




#22
Anthracene
Concen: 4.34 ng
RT: 17.70 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion:178 Resp: 52390

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.5 | 15.0 | 22.4 |
| 179 | 14.8 | 12.2 | 18.2 |



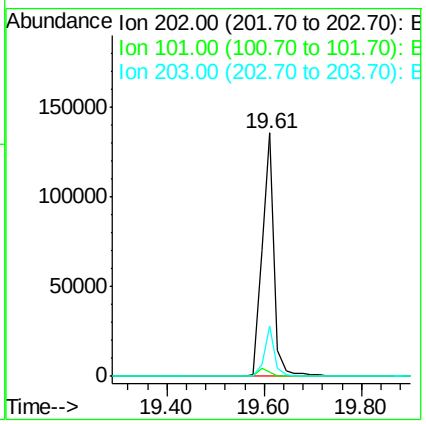


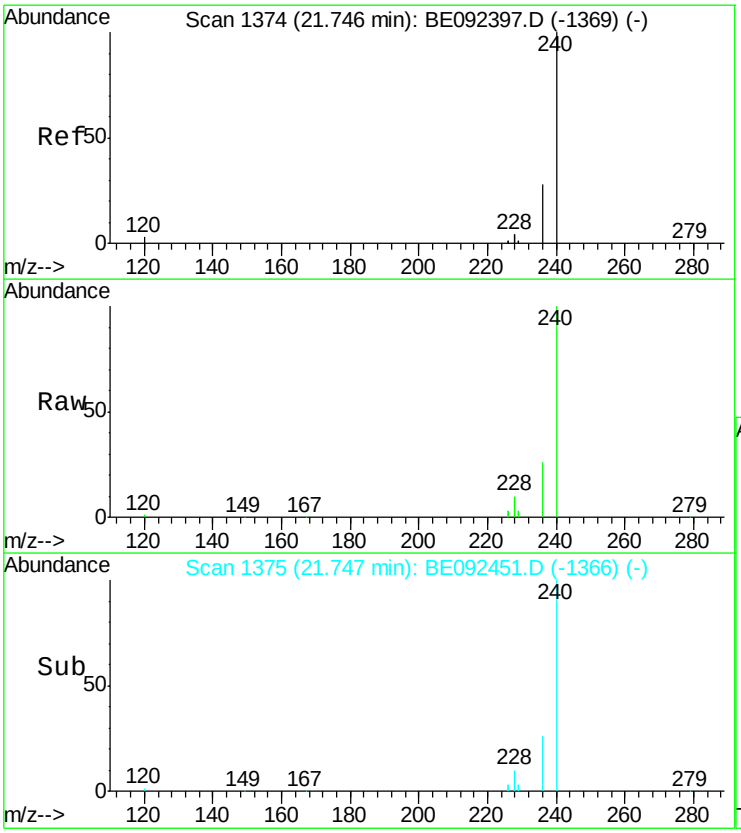

#23
Fluoranthene
Concen: 3.92 ng
RT: 19.61 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

**Instrument :**
BNA_E
**ClientSampleId :**
PB93506BS

Tgt Ion:202 Resp: 234030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 3.0 | 2.2 | 3.4 |
| 203 | 17.7 | 13.7 | 20.5 |

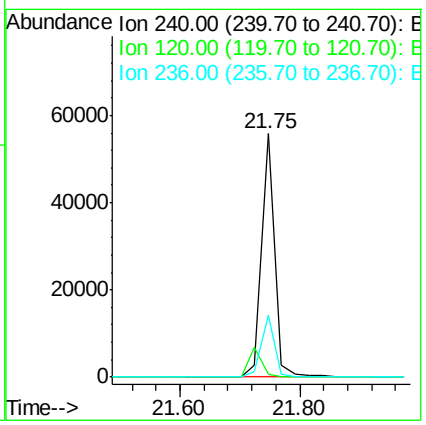


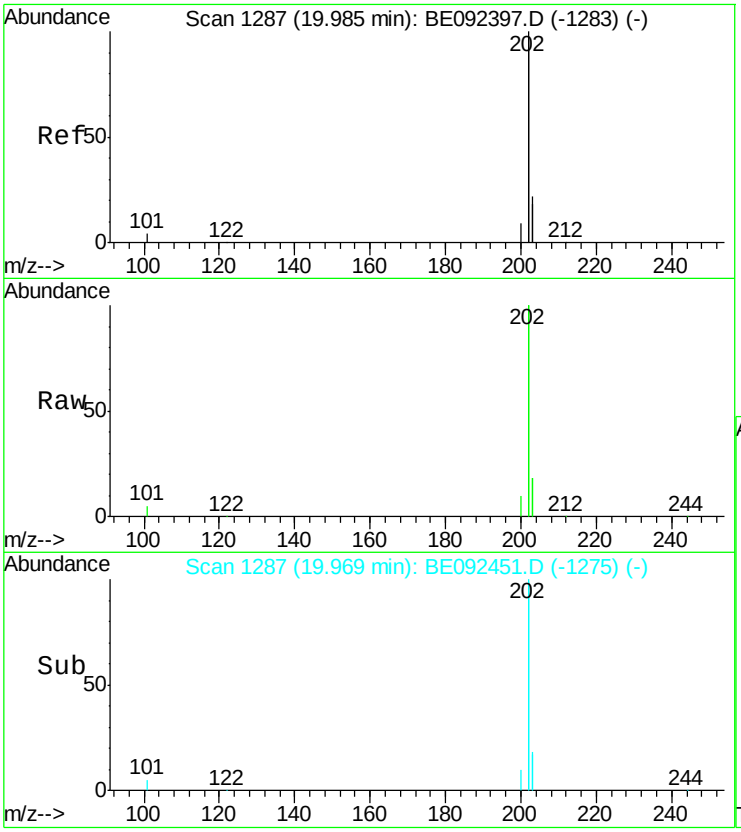




#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion:240 Resp: 84932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 1.2 | 2.6 | 4.0# |
| 236 | 25.6 | 24.6 | 37.0 |



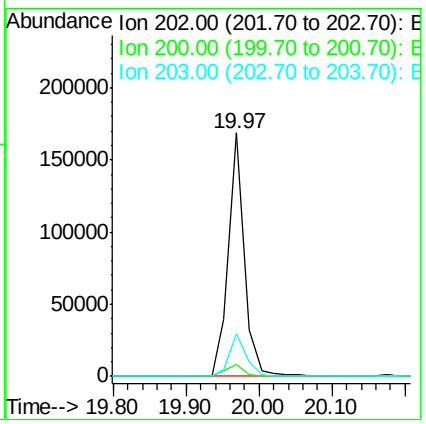


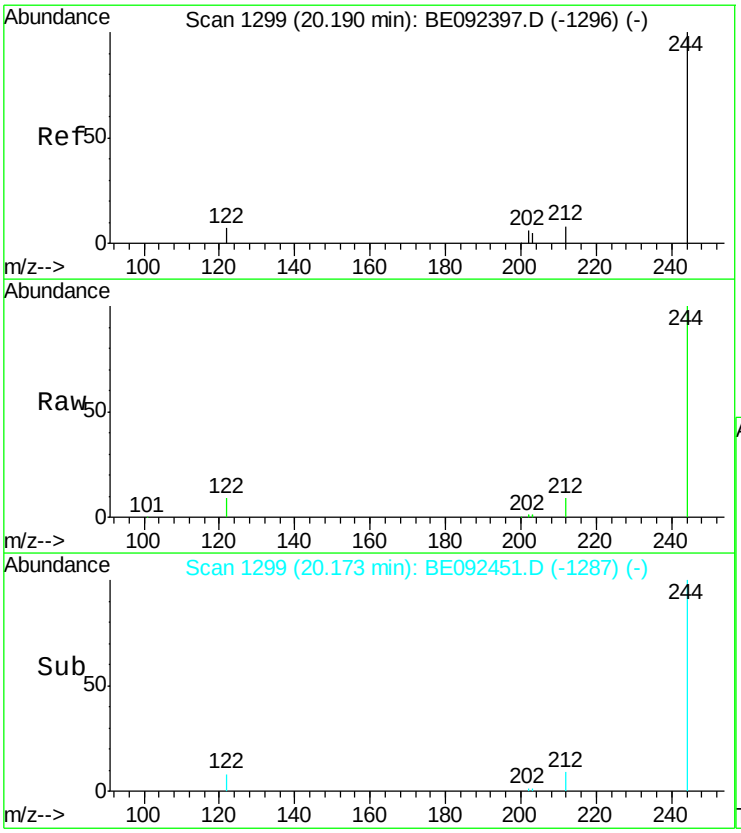

#25
Pyrene
Concen: 3.44 ng
RT: 19.97 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

**Instrument :**
BNA_E
**ClientSampleId :**
PB93506BS

Tgt Ion:202 Resp: 252950

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 5.3 | 4.2 | 6.4 |
| 203 | 18.2 | 13.9 | 20.9 |

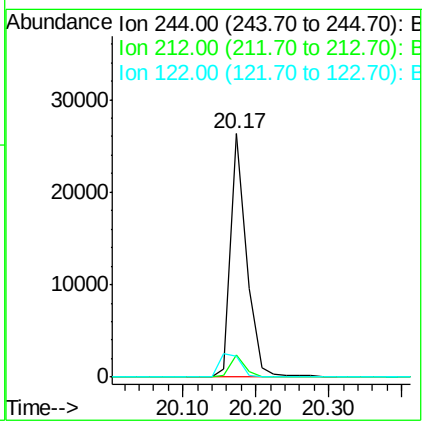


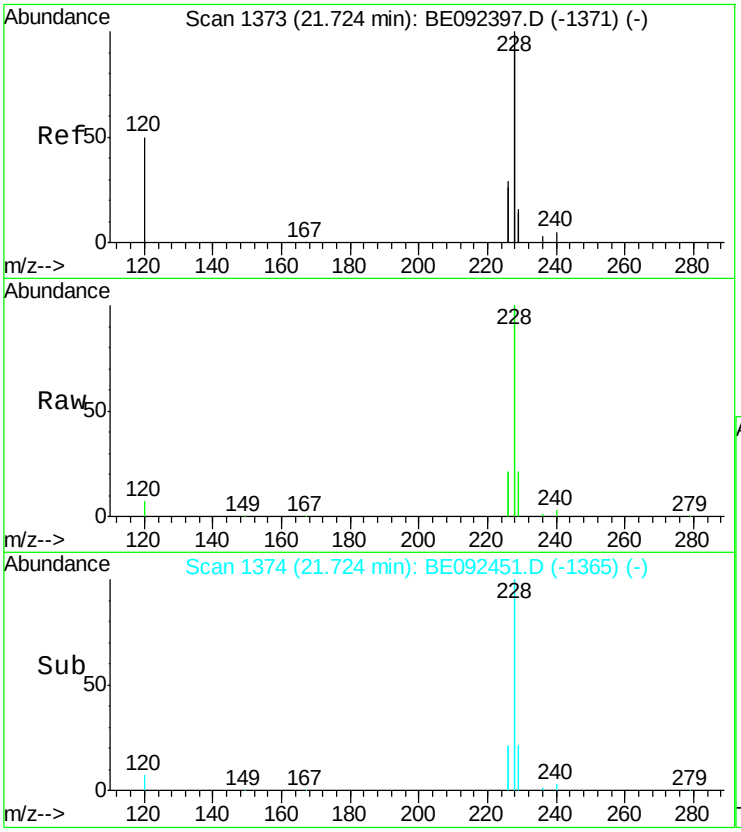




#26
Terphenyl-d14
Concen: 3.73 ng
RT: 20.17 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion:244 Resp: 39339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.1 | 6.7 | 10.1 |
| 122 | 8.7 | 3.6 | 5.4# |



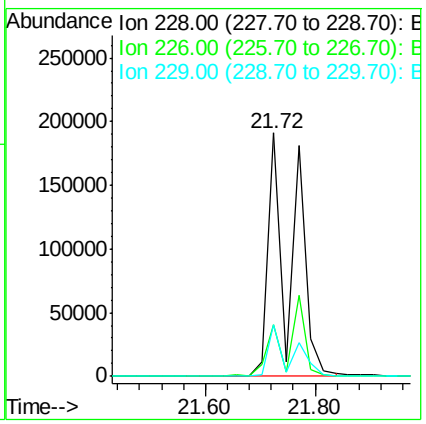


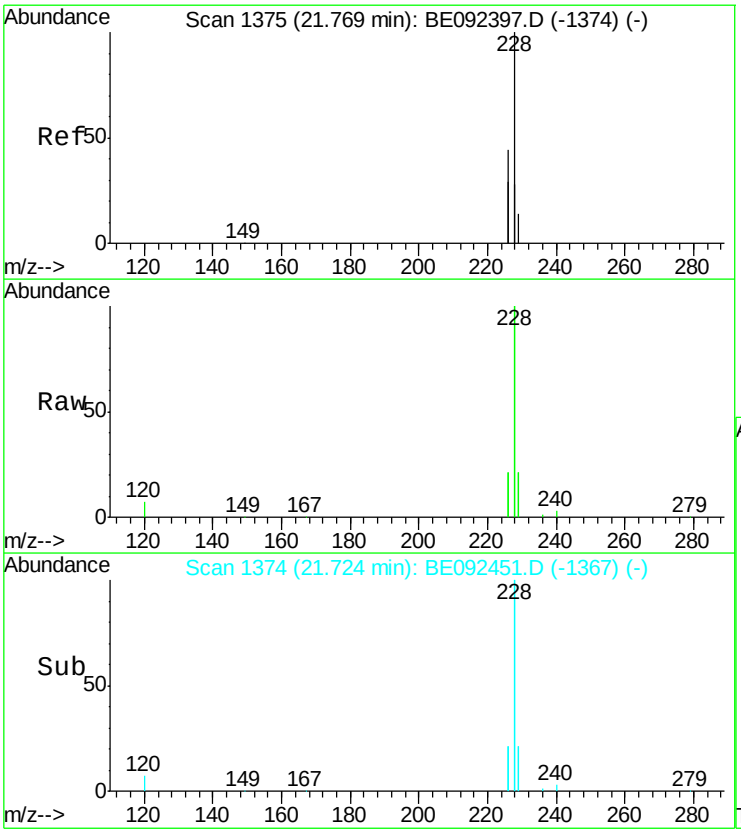

#27
Benzo(a)anthracene
Concen: 7.07 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

**Instrument :**
BNA_E
**ClientSampleId :**
PB93506BS

Tgt Ion:228 Resp: 584932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 21.1 | 23.6 | 35.4# |
| 229 | 21.4 | 13.3 | 19.9# |

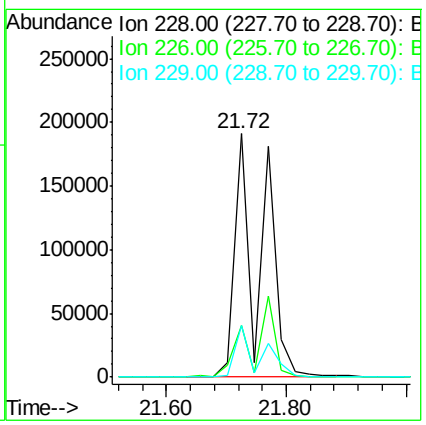


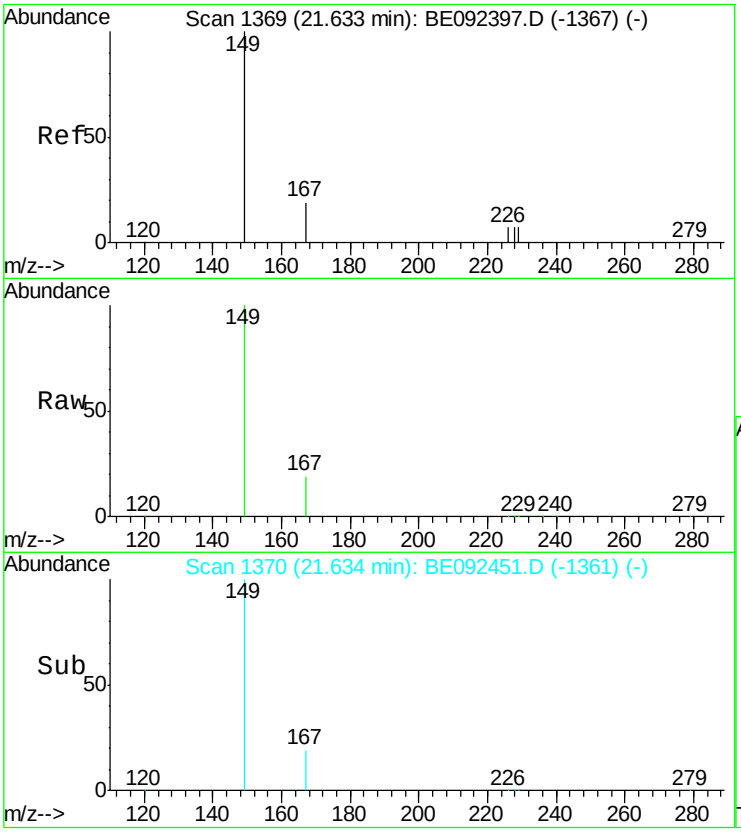




#28
Chrysene
Concen: 7.76 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion:228 Resp: 588117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 21.1 | 36.3 | 54.5# |
| 229 | 21.4 | 10.6 | 16.0# |



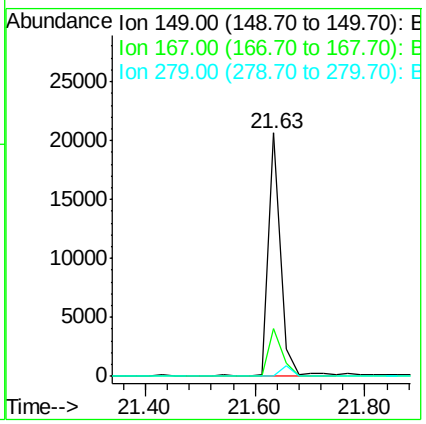


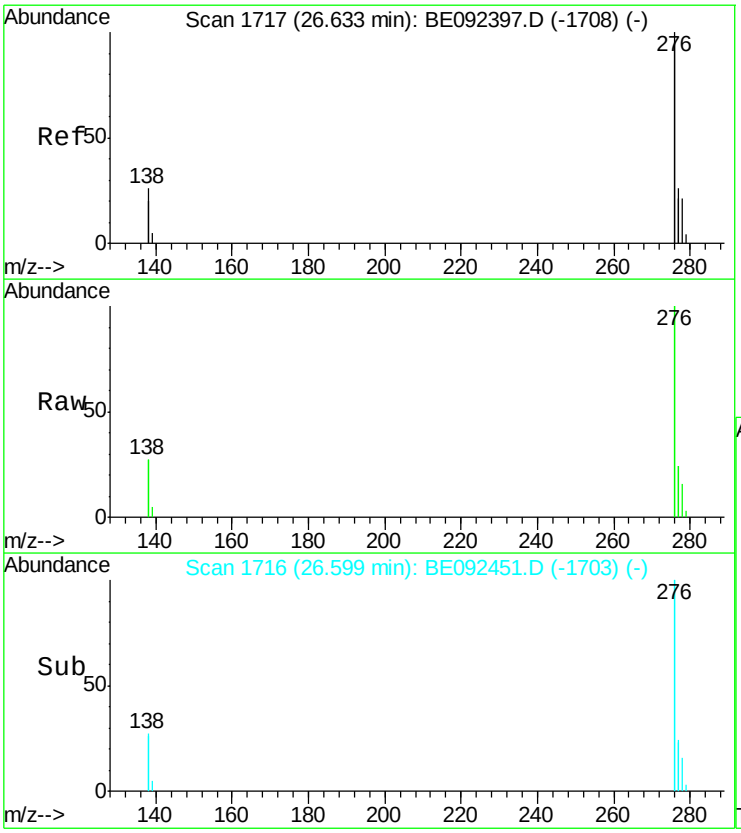

#29
Bis(2-ethylhexyl)phthalate
Concen: 4.44 ng
RT: 21.63 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

**Instrument :**
BNA_E
**ClientSampleId :**
PB93506BS

Tgt Ion:149 Resp: 31607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 21.9 | 16.0 | 24.0 |
| 279 | 0.0 | 16.0 | 24.0# |

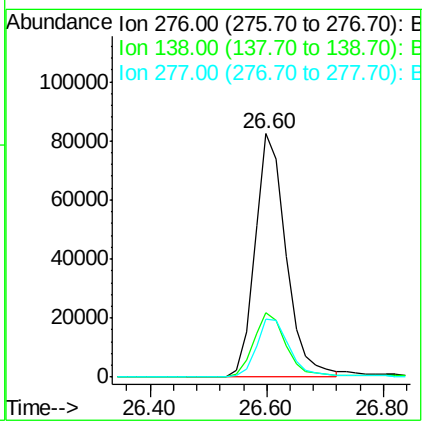


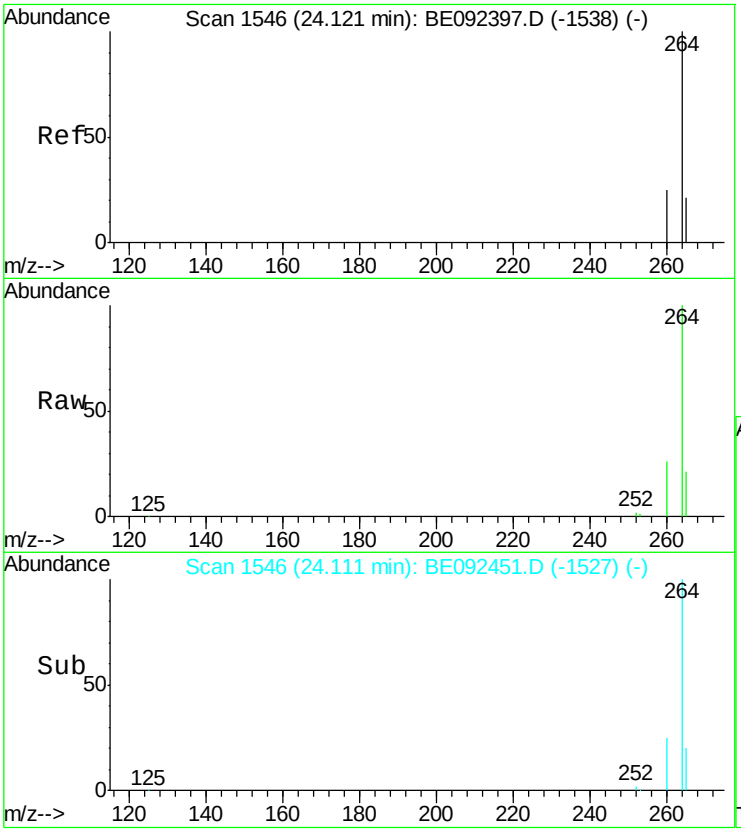




#30
Indeno(1,2,3-cd)pyrene
Concen: 3.77 ng
RT: 26.60 min Scan# 1716
Delta R.T. 0.02 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion:276 Resp: 303285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 27.2 | 20.3 | 30.5 |
| 277 | 24.8 | 19.7 | 29.5 |



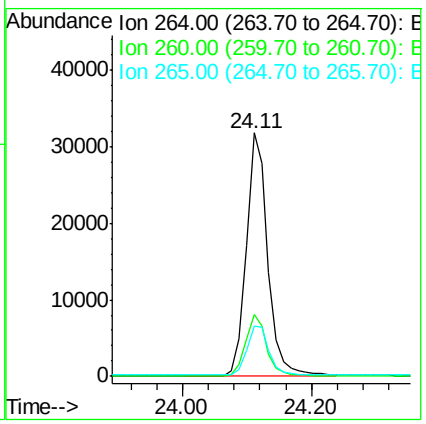


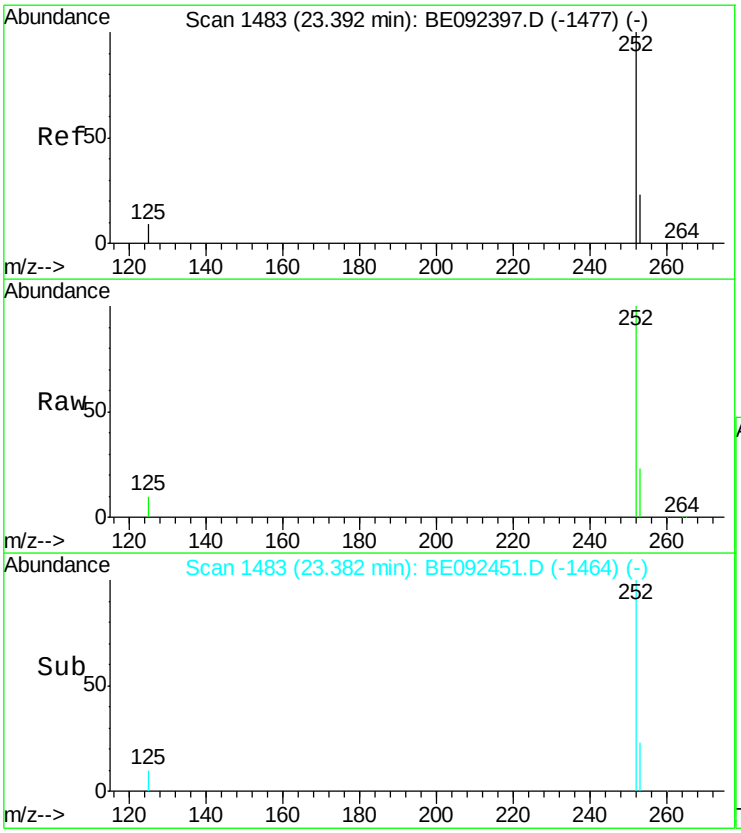

#31
Perylene-d12
Concen: 5.00 ng
RT: 24.11 min Scan# 1546
Delta R.T. 0.02 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

**Instrument :**
BNA_E
**ClientSampleId :**
PB93506BS

Tgt Ion:264 Resp: 73307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.6 | 20.1 | 30.1 |
| 265 | 20.8 | 17.9 | 26.9 |

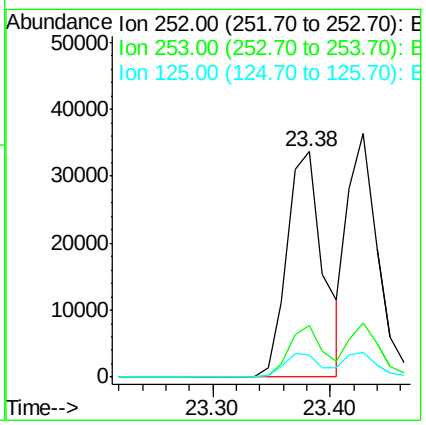


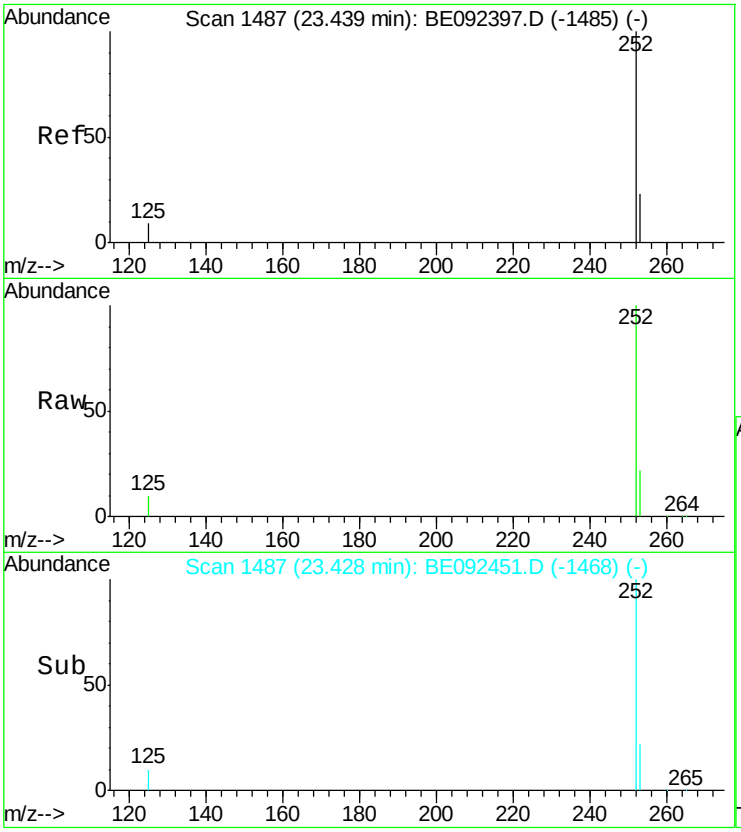




#32
Benzo(b)fluoranthene
Concen: 4.06 ng
RT: 23.38 min Scan# 1483
Delta R.T. 0.02 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion:252 Resp: 72076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.1 | 18.7 | 28.1 |
| 125 | 9.7 | 10.5 | 15.7# |



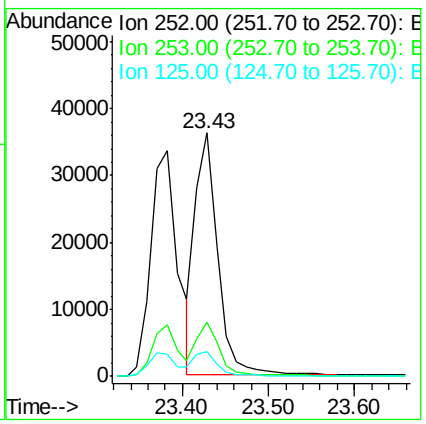


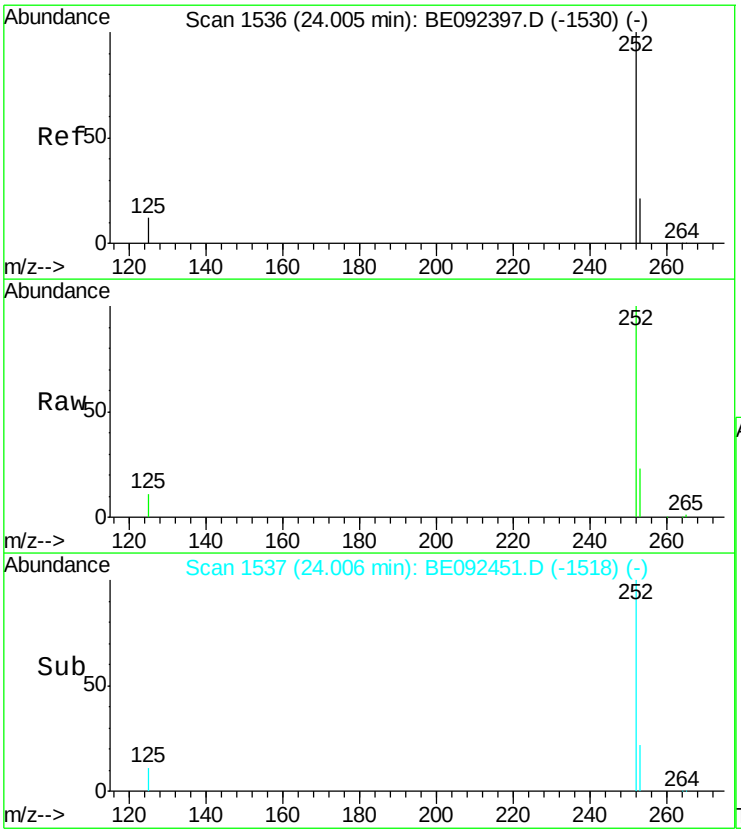

#33
Benzo(k)fluoranthene
Concen: 3.53 ng
RT: 23.43 min Scan# 1487
Delta R.T. 0.02 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

**Instrument :**
BNA_E
**ClientSampleId :**
PB93506BS

Tgt Ion:252 Resp: 65586

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 20.3 | 30.5 |
| 125 | 10.1 | 9.6 | 14.4 |

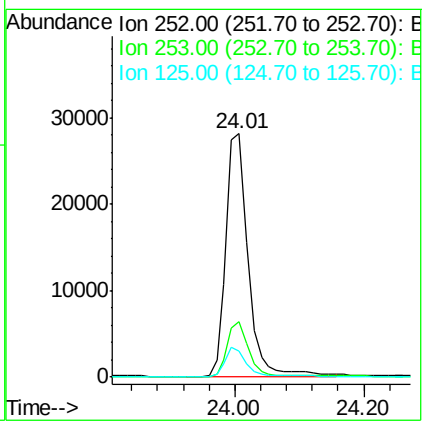


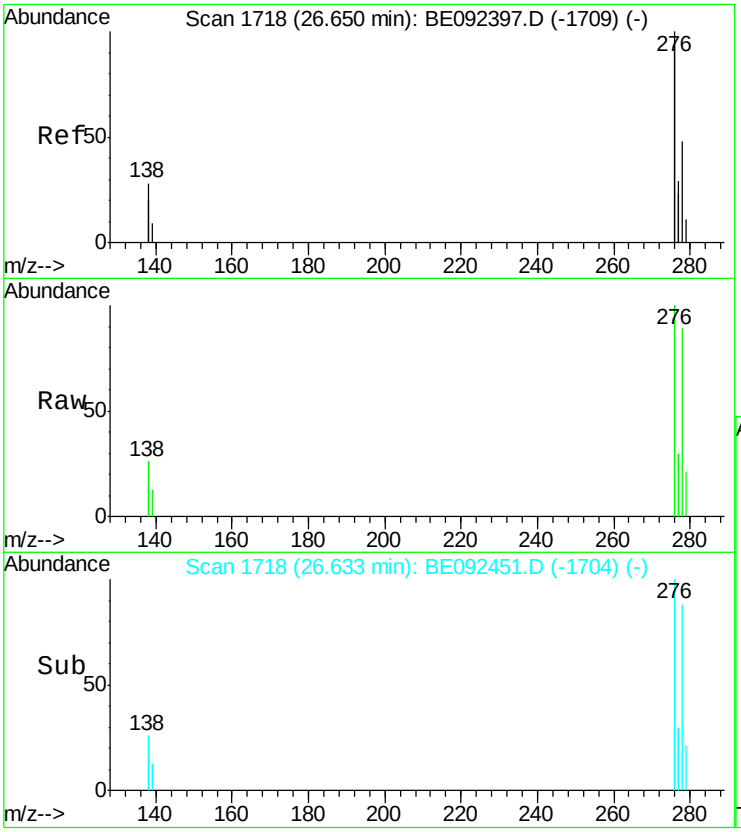




#34
Benzo(a)pyrene
Concen: 3.83 ng
RT: 24.01 min Scan# 1537
Delta R.T. 0.02 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion:252 Resp: 66679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.6 | 19.0 | 28.6 |
| 125 | 10.9 | 11.8 | 17.8# |



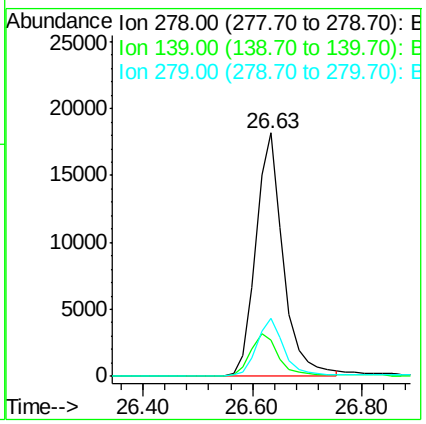


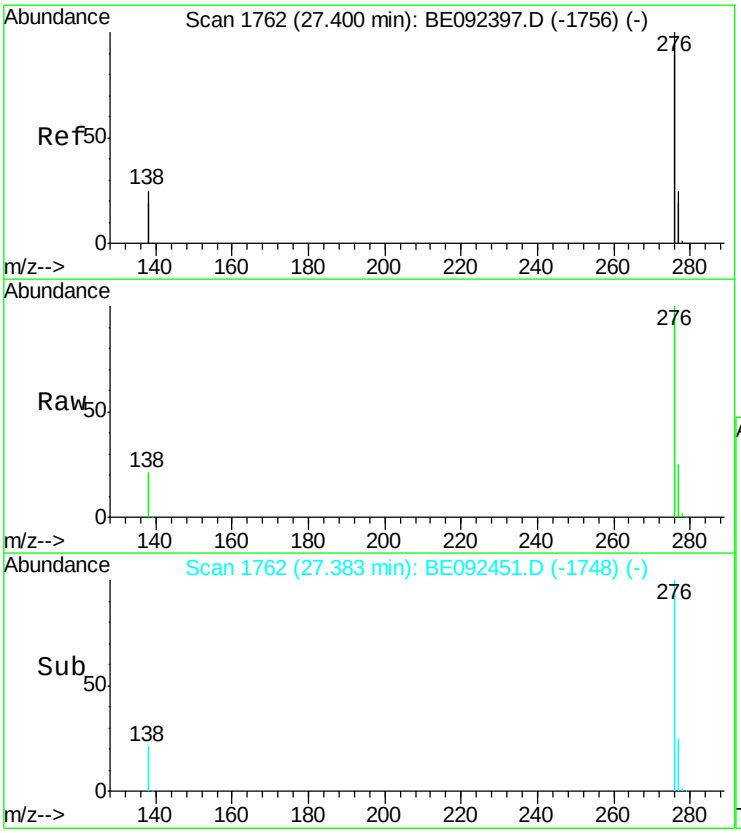

#35
Dibenzo(a,h)anthracene
Concen: 3.95 ng
RT: 26.63 min Scan# 1718
Delta R.T. 0.04 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

**Instrument :**
BNA_E
**ClientSampleId :**
PB93506BS

Tgt Ion:278 Resp: 63006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 14.7 | 13.8 | 20.8 |
| 279 | 23.9 | 21.4 | 32.2 |




#36
Benzo(g,h,i)perylene
Concen: 3.80 ng
RT: 27.38 min Scan# 1762
Delta R.T. 0.04 min
Lab File: BE092451.D
Acq: 7 Oct 2016 17:46

Tgt Ion:276 Resp: 260186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.8 | 19.8 | 29.8 |
| 138 | 21.5 | 19.8 | 29.6 |